

To: Schumacher, Brian[Schumacher.Brian@epa.gov]
Cc: Orme-Zavaleta, Jennifer[Orme-Zavaleta.Jennifer@epa.gov]; Gentry, Randall[Gentry.Randall@epa.gov]
From: Sayles, Gregory
Sent: Sat 1/25/2014 3:11:05 PM
Subject: Fw: PPH Discussion Group

From: Weis, Christopher (NIH/NIEHS) [E] <christopher.weis@nih.gov>
Sent: Friday, January 24, 2014 11:30:07 PM
To: Sayles, Gregory; Clark, Becki
Subject: Fw: PPH Discussion Group

Christopher P Weis, PhD., DABT.
Office of the Director
National Institute of Environmental Health Science - NIH
Bethesda, MD
Tel: 301.496.3512

From: Ex. 6 - Personal Privacy
Sent: Friday, January 24, 2014 11:17 PM
To: Ex. 6 - Personal Privacy >; arguto.william@epa.gov <arguto.william@epa.gov>; Ex. 4 - CBI; Bucher, John (NIH/NIEHS) [E]; burns.fran@epa.gov <burns.fran@epa.gov>; capacasa.jon@epa.gov <capacasa.jon@epa.gov>; caporale.cynthia@epa.gov <caporale.cynthia@epa.gov>; Ex. 6 - Personal Privacy; Weis, Christopher (NIH/NIEHS) [E];

Ex. 6 - Personal Privacy

letitia.tierney@wv.gov <letitia.tierney@wv.gov>; Ex. 4 - CBI
Ex. 4 - CBI; Cseh, Larry (ATSDR/DTHHS/OD); Ex. 6 - Personal Privacy
Ex. 6 - Personal Privacy; martha.a.mcelfresh@wv.gov <martha.a.mcelfresh@wv.gov>; Masten, Scott (NIH/NIEHS) [E]; Miller, Aubrey (NIH/NIEHS) [E]; Ex. 6 - Personal Privacy
Ex. 6 - Personal Privacy Ex. 4 - CBI
Ex. 4 - CBI
Ex. 4 - CBI; Ex. 6 - Personal Privacy; singhvi.raj@epa.gov <singhvi.raj@epa.gov>; Ex. 6 - Personal Privacy
Ex. 4 - CBI; Kapil, Vikas (CDC/ONDIEH/NCEH); walter.m.ivey@wv.gov <walter.m.ivey@wv.gov>; werner.lora@epa.gov <werner.lora@epa.gov>
Subject: RE: PPH Discussion Group

This email is intended to communicate MATRIC's recent findings.

1. Our detection for combined DiPPH and PPH has been improved to 1ppm by using a different GC. We have ran a 1/10/14 sample using the new GC and the result is still "Not Detected".
2. We have determined that the PPH ratio in the tank of MCHM is expected to be closer to 90-95%

DiPPH and 5-10% PPH. We had earlier believed the tank contents were 50/50 DiPPH to PPH.

3. Our detection limit is based on being able to detect the DiPPH peak in a standard that represented 0.6 ppm of DiPPH.

We are currently rerunning the Raw and Finished samples from 1/10/14 through 1/16/14 with the other GC that is capable of detecting the DiPPH at 1ppm. We expect to have these results in the morning at around 10AM.

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PROCESS ENGINEER

MATRIC | Mid-Atlantic Technology, Research & Innovation Center

Office: Ex. 6 - Personal Privacy Mobile:

P.O. Box 8396, South Charleston, WV 25303

www.matricinnovates.com | [Twitter](#) | [LinkedIn](#)

-----Original Message-----

From: Ex. 6 - Personal Privacy [mailto:Ex. 6 - Personal Privacy@damwater.com]

Sent: Friday, January 24, 2014 6:16 PM

To: arguto.william@epa.gov; Ex. 4 - CBI bucher@niehs.nih.gov;

burns.fran@epa.gov; capacasa.jon@epa.gov; 'caporale.cynthia@epa.gov'; Ex. 6 - Personal Privacy

christopher.weis@nih.gov; Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy letitia.tierney@wv.gov;

Ex. 4 - CBI loc3@cdc.gov; Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy 'martha.a.mcelfresh@wv.gov'; masten@niehs.nih.gov;

miller.aubrey@nih.gov; Ex. 6 - Personal Privacy Ex. 4 - CBI

Ex. 4 - CBI Ex. 6 - Personal Privacy singhvi.raj@epa.gov;

Ex. 6 - Personal Privacy Ex. 4 - CBI 'vck3@cdc.gov';

'walter.m.ivey@wv.gov'; werner.lora@epa.gov

Subject: Re: PPH Discussion Group

Corrected email for Jon Capacasa now included.

Regards,

Ex. 6 - Personal Privacy

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 6 - Personal Privacy

www.amwater.com

From:
To:

Ex. 6 - Personal Privacy

"martha.a.mcelfresh@wv.gov" <martha.a.mcelfresh@wv.gov>,
"walter.m.ivey@wv.gov" <walter.m.ivey@wv.gov>, Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy "letitia.tierney@wv.gov"
<letitia.tierney@wv.gov> Ex. 4 - CBI

Ex. 4 - CBI

"caporale.cynthia@epa.gov"
<caporale.cynthia@epa.gov>, "vck3@cdc.gov" <vck3@cdc.gov>,
Ex. 6 - Personal Privacy WQ/CORP/AWWSC/AWW,

Ex. 6 - Personal Privacy

christopher.weis@nih.gov, arguto.william@epa.gov, loc3@cdc.gov,
burns.fran@epa.gov, capacasa.john@epa.gov,

bucher@niehs.nih.gov, masten@niehs.nih.gov,
miller.aubrey@nih.gov, singhvi.raj@epa.gov, werner.lora@epa.gov
Date: 01/24/2014 05:55 PM
Subject: PPH Discussion Group

This is the entire PPH discussion group as I understand it right now. REIC labs is working overnight attempting to lower the 1.2 ppm detection limit achieved by MATRIC.

Once we hear from REIC in the morning we will set up another conference call for the group.

Regards,

Ex. 6 - Personal Privacy

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 6 - Personal Privacy

www.wvawater.com